



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H140377

Mode: Highway

Status: Submitted

US-64 (W 11th St)

From/Cross Street: SR 1317 (Greensboro Ave)

Specific Improvement Type: 11 - Access Management

To: SR 1106 (Stockyard Rd)

Project Category: Statewide Mobility

Length: 1.88

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$12,615,000

Description:

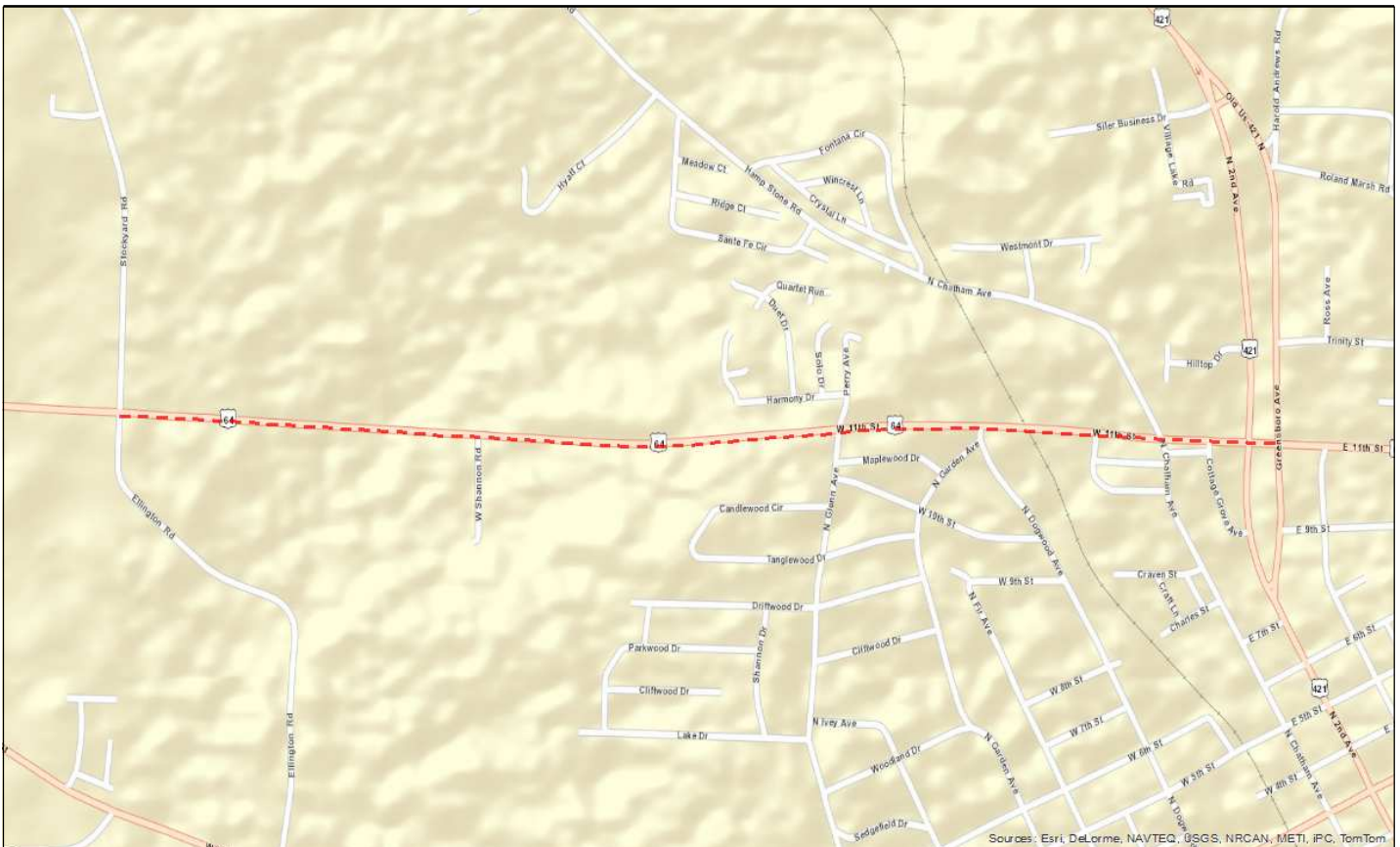
Improve existing 5-lane cross-section by adding median for access control, as well as bicycle and pedestrian improvements

Division(s): Division 8

County(s): CHATHAM

MPOS(s)/RPO(s): Triangle Area RPO

Project Location



Statewide Mobility Total Score: 10.87

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%) 21.43 Safety (10%) 33.34 Economic Competitiveness (10%) 0.00 Multimodal + [Freight & Military] (20%) 5.54 [Travel Time] Benefit/Cost (30%) 0.00	N/A	N/A
Totals: Weight: 100% Weighted Score: 10.87		

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 21.43 Safety (10%) 33.34 Accessibility / Connectivity (10%) 12.00 [Travel Time] Benefit/Cost (25%) 0.00	Percent: 15% Points:	Percent: 15% Points:
Totals: Weight: 70% Weighted Score: 9.89		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 21.43 Safety (10%) 33.34 [Travel Time] Benefit/Cost (20%) 0.00	Percent: 25% Points:	Percent: 25% Points:
Totals: Weight: 50% Weighted Score: 7.62		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	54
Length (miles):	1.88
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	3
Roadway has Curb & Gutter?	No
Volume (AADT):	12000
Capacity:	43285.84
Volume/Capacity Ratio:	0.28
% Autos:	91%
% Trucks:	9%
Truck Volume:	1107.42
Crash Density:	25.16
Crash Severity:	40.03
Critical Crash Rate:	34.84
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	24
Existing Median Type (for Cost Estimation):	TWLT
Pavement Condition Rating:	87
Actual Congested Speed:	54
Travel Time Index:	1.02

Project Benefits

Project Cross-Section:	4F - 4 Lane Divided (17'-6" Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	1.88
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	-1097875.02
Travel Time Savings for 30 Years (Autos):	-996557.29
Travel Time Savings for 30 Years (Trucks):	-101317.73
Long-Term Employment:	0
% Change in Economy:	0
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Triangle Area RPO

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 8	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Triangle Area RPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$12,615,000	Cost Estimation Tool
Right-of-Way Cost:	\$0	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$12,615,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$12,615,000	